

KLF5 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00155-2**

Capture Antibody Information

Catalog Number:
83205-1-PBSHost:
RabbitIsotype:
IgGPurification Method:
Protein A purificationClone ID:
230509C4Reactivity:
humanImmunogen Catalog Number:
Ag15267Conjugate:
UnconjugatedFull name:
Kruppel-like factor 5 (intestinal)Gene ID:
688

Detection Antibody Information

Catalog Number:
83205-2-PBSHost:
RabbitIsotype:
IgGPurification Method:
Protein A purificationClone ID:
230509C5Reactivity:
humanGenBank:
BC042131Immunogen Catalog Number:
Ag15267Conjugate:
UnconjugatedFull name:
Kruppel-like factor 5 (intestinal)Gene ID:
688

Applications

Tested Applications:

Cytometric bead array, Sandwich
ELISA

Range:

1.25-20 ng/mL (Cytometric Bead
Array)
78.1-5000 pg/mL (Sandwich ELISA)

Recommended Dilutions:

It is recommended that this reagent
should be titrated in each testing
system to obtain optimal results.

Product Information

MP00155-2 targets KLF5 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: KLF5 Recombinant antibody, PBS Only (Capture/Detector) 83205-1-PBS (230509C4). 100 µg. Concentration 1 mg/mL.

Detection antibody: KLF5 Recombinant antibody, PBS Only (Detector) 83205-2-PBS (230509C5). 100 µg. Concentration 1 mg/mL.

Alternative KLF5 matched antibody pairs: MP00155-1

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:

Store at -80°C.

Storage buffer:

PBS only

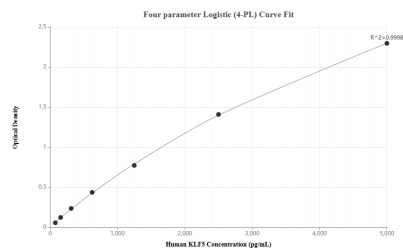
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

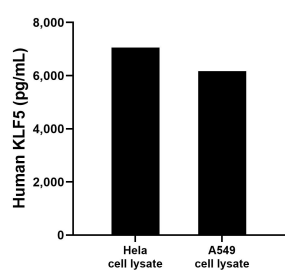
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

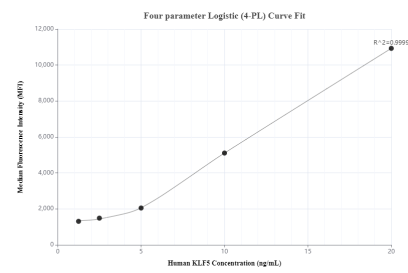
Selected Validation Data



Sandwich ELISA standard curve of MP00155-2, Human KLF5 Recombinant Matched Antibody Pair - PBS only. 83205-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag15267. 83205-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



HeLa and A549 cell lysates were measured. The human KLF5 concentration of detected samples was determined to be 7,055.7 pg/mL (based on a 3.2 mg/mL extract load) in HeLa cell lysate and 6,173.2 pg/mL (based on a 2.2 mg/mL extract load) in A549 cell lysate.



Cytometric bead array standard curve of MP00155-2, KLF5 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83205-1-PBS. Detection antibody: 83205-2-PBS. Standard: Ag15267. Range: 1.25-20 ng/mL